



# **STIC Search Report**

## **Biotech-Chem Library**

**STIC Database Tracking Number: 134580**

**TO: Brenda Coleman**  
**Location: REM-5D19/5C18**  
**Art Unit : 1624**  
**Wednesday, October 06, 2004**  
**Phone: 272-0903**  
**Case Serial Number: 6001844**

**From: Noble Jarrell**  
**Location: Remsen 1B71**

**Phone: (571) 272-2556**  
**Noble.jarrell@uspto.gov**

### **Search Notes**

134580

STIC-Biotech/ChemLib

From: Coleman, Brenda  
Sent: Wednesday, October 06, 2004 1:38 PM  
To: STIC-Biotech/ChemLib  
Subject: U.S. 6,001,844

Could you please obtain a litigation search on this patent.

Brenda Coleman  
REM-5D19

RECEIVED  
OCT - 6 2004  
TECH/CHEM. DIVISION  
(STIC)

\*\*\*\*\*

STAFF USE ONLY

Searcher: Noble  
Searcher Phone: 2-  
Date Searcher Picked up: 706604 Oct 6, 2004  
Date Completed: 706604 Oct 6, 2004  
Searcher Prep/Rev. Time: 5  
Online Time: 10

\*\*\*\*\*

Type of Search

NA Sequence: # \_\_\_\_\_  
AA Sequence :# \_\_\_\_\_  
Structure: # \_\_\_\_\_  
Bibliographic: / \_\_\_\_\_  
Litigation: / \_\_\_\_\_  
Patent Family: \_\_\_\_\_  
Other: \_\_\_\_\_

\*\*\*\*\*

Vendors and cost where applicable

STN: \_\_\_\_\_  
DIALOG: \_\_\_\_\_  
QUESTEL/ORBIT: 8 \_\_\_\_\_  
LEXIS/NEXIS: \_\_\_\_\_  
SEQUENCE SYSTEM: \_\_\_\_\_  
WWW/Internet: \_\_\_\_\_  
Other(Specify): \_\_\_\_\_



# STIC SEARCH RESULT FEEDBACK FORM

## Biotech-Chem Library

Questions about the scope or the results of the search? Contact *the searcher* or contact:

Mary Hale, Information Branch Supervisor  
Remsen Bldg. 01 D86  
571-272-2507

## Voluntary Results Feedback

➤ I am an examiner in Workgroup:  Example: 1610

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

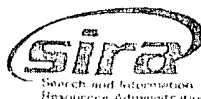
- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature  
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC-Biotech-Chem Library Remsen Bldg.



?file pluspat

Selected file: PLUSPAT

PLUSPAT - (c) Questel-Orbit, All Rights Reserved.  
 Comprehensive Worldwide Patents database  
 New Patent Citation Commands & FAM Citation Report - see INFO PATCITE  
 Announcing enhanced searchability of Relevancy Codes in Search Reports  
 for EP, WO and FR patents. For more details see below and on QO website  
 -To retrieve set of high relevancy X coded cited patents, use xctx=yes  
 -To extract cited patents with only high relevancy code, use mem/xctx  
 Last update of file: 2004/09/29 (YYYY/MM/DD) 2004-39/UP (basic update)

Search statement 1

?us6001844/pn

\*\* SS 1: Results 1

Search statement 2

?prt full legalall max

1/1 PLUSPAT - (C) QUESTEL-ORBIT  
 PN - US6001844 A 19991214 [US6001844]  
 TI - (A) 4-Azasteroids for treatment of hyperandrogenic conditions  
 PA - (A) MERCK & CO INC (US)  
 PAO - Merck & Company, Inc., Rahway NJ [US]  
 IN - (A) BAKSHI RAMAN K (US); SAHOO SOUMYA P (US); TOLMAN RICHARD L (US)  
 AP - US2992698 19980311 [1998US-0029926]  
 FD - Rel. Prov. 60/003,826 19950915 [1995US-P003826]  
 - PCT/US96/14564 19960911 [1996WO-US14564]  
 - WO97/10217 19970320 [WO9710217]  
 PR - US2992698 19980311 [1998US-0029926]  
 - WOUS9614564 19960911 [1996WO-US14564]  
 - US382695P 19950915 [1995US-P003826]  
 IC - (A) A61K-031/435 C07D-221/02  
 EC - A61K-031/435 &A  
 - C07J-073/00B2  
 PCL - ORIGINAL (O) : 514284000; CROSS-REFERENCE (X) : 514255050 514256000  
 514263220 514269000 514272000 514274000 514275000 544265000  
 544266000 544268000 544276000 544277000 544301000 544311000  
 544312000 544316000 544317000 544319000 544320000 544322000  
 544323000 544329000 544332000  
 DT - Corresponding document  
 CT - US4191759; US4377584; US4760071; US5116983; US5151429; US5302621;  
 US5304562; US5565467; EP0484094; EP0538192; WO9216213; WO9407861;  
 WO9507927; WO9507926  
 - Bakshi et al., 4-aza-3-oxo-5a-androst-1-ene-17b-N-aryl-carboxamides as  
 dual inhibitors of human type 1 and 2 steroid 5a-reductases. J. Med.  
 Chem. 38 (1995), pp. 3189-3192.

Tolman et al., "4-Methyl-3-oxo-4-aza-5alpha-androst-1-en17beta-N-aryl  
 -carboxamides: An approach to combined androgen blockade"; Mar. 1997  
 issue of J. Steroid Biochem & Molec. Bio. vol. 60, No. 5-6 pp. 303-309.

STG - (A) United States patent  
 AB - PCT No. PCT/US96/14564 Sec. 371 Date Mar. 11, 1998 Sec. 102(e) Date  
 Mar. 11, 1998 PCT Filed Sep. 11, 1996 PCT Pub. No. WO97/10217 PCT Pub.  
 Date Mar. 20, 1997 Compounds of structural Formula (I) and  
 pharmacologically acceptable salts and esters thereof possess 5 alpha  
 -reductase inhibitory activity. These compounds inhibit 5 alpha  
 -reductase type 1 and type 2. The compounds of structural Formula I  
 are useful in the systemic, including oral, and parenteral, including  
 topical, treatment and prevention of hyperandrogenic conditions  
 including prostatic carcinoma, benign prostatic hyperplasia, acne  
 vulgaris, seborrhea, androgenic alopecia (also called androgenetic  
 alopecia) which includes male- and female-pattern baldness, female  
 hirsutism, and prostatitis. A class of compounds of the present  
 invention are also potent antiandrogens. The present invention also  
 relates to novel compositions containing such compounds, methods of  
 their use and methods of their manufacture.

1/1 LGST - (C) EPO  
 PN - US6001844 A 19991214 [US6001844]

Searched by Noble Jarrell

AP - US2992698 19980311 [1998US-0029926]  
ACT - 20020618 US/RF-A  
REISSUE APPLICATION FILED  
EFFECTIVE DATE: 20011214  
UP - 2003-22

1/1 CRXX - (C) CLAIMS/RRX  
AN - 3254333  
PN - 6,001,844 A 19991214 [US6001844]  
PA - Merck & Co Inc  
PT - C (Chemical)  
ACT - 20011214 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20020618  
REISSUE REQUEST NUMBER: 10/020740  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2833

Reissue Patent Number:

UP - 2002-25  
UACT- 2002-06-18

Search statement 2

?

**LexisNexis™ Total Research System**

Search | Research Tasks | Search Advisor | Get a Document | **Shepard's®** | Practice Area Pages | ECLIPSE | History |

Sources | Guided Search Forms | Command Searching |

[Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)

[Command Searching](#) > [Utility, Design and Plant Patents](#)

## Enter Search Terms

☒ **Terms and Connectors** ☐ Natural Language

patno=6001844

[Suggest Terms  
for My Search](#)

**Search**

### Restrict by Segment:

Select a segment, enter search terms for the segment, then click Add.

Select a Segment

Add

### Restrict by Date:

☒ No Date Restrictions ☐ From  To  [Date Formats...](#)

## Search Connectors

Use connectors between search terms. Use a connector for deletion. Use a connector to add.

### Syntax Definition

<u>and</u>	and
<u>or</u>	or
<u>w/N</u>	within
<u>not w/N</u>	not within
<u>pre /N</u>	preceding
<u>w/p</u>	in same paragraph
<u>not w/p</u>	not in same paragraph
<u>w/seg</u>	in same section
<u>not w/seg</u>	not in same section
<u>w/s</u>	in same sentence
<u>not w/s</u>	not in same sentence
<u>and not</u>	and not
	<a href="#">View</a>

[Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#)  
[Eclipse™](#) | [History](#) | [Delivery Manager](#) | [Practice Area Pages](#) | [Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)  
[About LexisNexis](#) | [Terms and Conditions](#)

Copyright © 2004 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

1 of 1 DOCUMENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6001844

[Link to Claims Section](#)

December 14, 1999

4-Azasteroids for treatment of hyperandrogenic conditions

**INVENTOR:** Bakshi, Raman K., Edison, NJ; Sahoo, Soumya P, Old Bridge, NJ; Tolman, Richard L., Warren, NJ

**APPL-NO:** 029926 (00)

**FILED-DATE:** March 11, 1998

**GRANTED-DATE:** December 14, 1999

**ENGLISH-ABST:**

Compounds of structural Formula (I) ##STR1## and pharmacologically acceptable salts and esters thereof possess 5[agr]- reductase inhibitory activity. These compounds inhibit 5[agr]-reductase type 1 and type 2. The compounds of structural Formula I are useful in the systemic, including oral, and parenteral, including topical, treatment and prevention of hyperandrogenic conditions including prostatic carcinoma, benign prostatic hyperplasia, acne vulgaris, seborrhea, androgenic alopecia (also called androgenetic alopecia) which includes male- and female-pattern baldness, female hirsutism, and prostatitis. A class of compounds of the present invention are also potent antiandrogens. The present invention also relates to novel compositions containing such compounds, methods of their use and methods of their manufacture.

**LexisNexis™ Total Research System**

**Search** | **Research Tasks** | **Search Advisor** | **Get a Document** | **Shepard's®** | **Practice Area Pages** | **ECLIPSE** | **History** | **Help**

**Sources** | **Guided Search Forms** | **Command Searching**

[Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)

## Command Searching > Patent Cases from Federal Courts and Administrative Materials

### Enter Search Terms

☒ **Terms and Connectors** ☐ **Natural Language**

6001844 or 6,001,844

[Suggest Terms  
for My Search](#)

**Search**

### Restrict by Segment:

Select a segment, enter search terms for the segment, then click Add.

Select a Segment

Add ↑

### Restrict by Date:

☒ **No Date Restrictions** ☐ From  To  [Date Formats...](#)

### Search Connectors

Use connectors between search connector for default connector to add

#### Syntax Definition

<u>and</u>	and
<u>or</u>	or
<u>w/N</u>	with
<u>not w/N</u>	not with
<u>pre /N</u>	precedence
<u>w/p</u>	in
<u>not w/p</u>	not in
<u>w/seg</u>	in
<u>not w/seg</u>	not in
<u>w/s</u>	in
<u>not w/s</u>	not in
<u>and not</u>	and not
	<a href="#">View</a>

**Search** | **Research Tasks** | **Search Advisor** | **Get a Document** | **Shepard's®**  
[Eclipse™](#) | [History](#) | [Delivery Manager](#) | [Practice Area Pages](#) | [Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)  
[About LexisNexis](#) | [Terms and Conditions](#)

Copyright © 2004 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.



## No Documents Found!

No documents were found for your search (**6001844** or **6,001,844**). Click the "Edit Search" button below to try again. You may want to try one or more of the following:

- Check for spelling errors.
- Remove some search terms.
- Use a less restrictive date range.
- Use more common search terms. "Suggested Words and Concepts" are displayed on the search form when you click on Edit Search.

---

Edit Search

[About LexisNexis](#) | [Terms and Conditions](#)

Copyright © 2004 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

**LexisNexis™ Total Research System**

**Search** | **Research Tasks** | **Search Advisor** | **Get a Document** | **Shepard's®** | **Practice Area Pages** | **ECLIPSE** | **History** | **?**

**Sources** | **Guided Search Forms** | **Command Searching**

[Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [?](#) [Help](#)

[Command Searching](#) > **Patent, Trademark & Copyright Periodicals, Combined** [?](#)

### Enter Search Terms

☒ **Terms and Connectors** ☐ **Natural Language**

6001844 or 6,001,844

[Suggest Terms  
for My Search](#)

[Search](#)

### Restrict by Segment:

Select a segment, enter search terms for the segment, then click Add.

Select a Segment

Add ↑

### Restrict by Date:

☒ **No Date Restrictions** ☐ From  To  [Date Formats...](#)

### Search Connectors

Use connectors between search connector for de connector to add

**Syntax Definition**

<u>and</u>	and
<u>or</u>	or
<u>w/N</u>	withi
<u>not w/N</u>	not v
<u>pre /N</u>	pre
<u>w/p</u>	in sa
<u>not w/p</u>	not i
<u>w/seg</u>	in sa
<u>not w/seg</u>	not i
<u>w/s</u>	in sa
<u>not w/s</u>	not i
<u>and not</u>	and i
	<a href="#">View</a>

**Search** | **Research Tasks** | **Search Advisor** | **Get a Document** | **Shepard's®**  
[Eclipse™](#) | [History](#) | [Delivery Manager](#) | [Practice Area Pages](#) | [Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)  
[About LexisNexis](#) | [Terms and Conditions](#)

Copyright © 2004 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

## No Documents Found!

No documents were found for your search (**6001844** or **6,001,844**). Click the "Edit Search" button below to try again. You may want to try one or more of the following:

- Check for spelling errors.
- Remove some search terms.
- Use a less restrictive date range.
- Use more common search terms. "Suggested Words and Concepts" are displayed on the search form when you click on Edit Search.

---

[Edit Search](#)

[About LexisNexis](#) | [Terms and Conditions](#)

[Copyright ©](#) 2004 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

**LexisNexis™ Total Research System**

[Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#) | [Practice Area Pages](#) | [ECLIPSE](#) | [History](#) | [Sources](#) | [Guided Search Forms](#) | [Command Searching](#)

[Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)

[Command Searching](#) > [News, All \(English, Full Text\)](#)

### Enter Search Terms

☒ [Terms and Connectors](#) ☐ [Natural Language](#)

6001844 or 6,001,844

[Suggest Terms  
for My Search](#)

[Search](#)

### Restrict by Segment:

Select a segment, enter search terms for the segment, then click Add.

Select a Segment

Add ↑

### Restrict by Date:

☒ [No Date Restrictions](#) ☐ From  To  [Date Formats...](#)

### Search Connectors

Use connectors between search connector for de connector to add

#### Syntax Definition

<a href="#">and</a>	and
<a href="#">or</a>	or
<a href="#">w/N</a>	with
<a href="#">not w/N</a>	not with
<a href="#">pre /N</a>	precedence
<a href="#">w/p</a>	in
<a href="#">not w/p</a>	not in
<a href="#">w/seg</a>	in
<a href="#">not w/seg</a>	not in
<a href="#">w/s</a>	in
<a href="#">not w/s</a>	not in
<a href="#">and not</a>	and
	<a href="#">View</a>

[Search](#) | [Research Tasks](#) | [Search Advisor](#) | [Get a Document](#) | [Shepard's®](#)  
[Eclipse™](#) | [History](#) | [Delivery Manager](#) | [Practice Area Pages](#) | [Switch Client](#) | [Preferences](#) | [Feedback](#) | [Sign Off](#) | [Help](#)  
[About LexisNexis](#) | [Terms and Conditions](#)

Copyright © 2004 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.

## No Documents Found!

No documents were found for your search (**6001844** or **6,001,844**). Click the "Edit Search" button below to try again. You may want to try one or more of the following:

- Check for spelling errors.
- Remove some search terms.
- Use a less restrictive date range.
- Use more common search terms. "Suggested Words and Concepts" are displayed on the search form when you click on Edit Search.

---

Edit Search

[About LexisNexis](#) | [Terms and Conditions](#)

Copyright © 2004 LexisNexis, a division of Reed Elsevier Inc. All rights reserved.



**Cases with links by court:**

Select a District court...

OR

**Cases by patent number (No Charge!):**

6,001,844

**Client Matter:**

**Client Notes:**

Display

Clear

Click [here](#) for patent format rules.

## Litigation involving patent 6,001,844

Click on the docket number to view the docket.  
Click on the above patent number to view the patent.

 Docket 	 Case Heading 	 Date Filed 	 Date Retrvd 
--	--	--	--

There are no cases involving this patent number.